

SEQUENCE LISTING

<110> Kaneka Corporation

<120> TRANSGENIC BIRD AND METHOD OF CONSTRUCTING THE SAME

<130> B030497W001

<150> JP 2004-003045

<151> 2004-1-8

<160> 18

<210> 1

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed sequence of a 5'-primer incorporating the Sal I recognition site at the 5' terminal used for PCR amplification of the chicken b-actin promoter fragment lacking the intron

<400> 1

acgcgtcgac gtgcatgcac gctcattg 28

<210> 2

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed sequence of a 3'-primer incorporating the Sal I recognition site at the 5' terminal used for PCR amplification of the chicken b-actin promoter fragment lacking the intron

<400> 2

acgcgtcgac aacgcagcga ctcccg 26

<210> 3

<211> 61

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide acting as a sense chain in annealing to construct the coding fragment of the chicken lysozyme secretion signal

<400> 3

ctagaccatg aggtctttgc taatcttggg gctttgcttc ctgcccctgg ctgctctggg 60
g 61

<210> 4

<211> 57

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide acting as an anti-sense chain in annealing to construct the coding fragment of the chicken lysozyme secretion signal

<400> 4

ccccagagca gccaggggca ggaagcaaag caccaagatt agcaaagacc tcatggt 57

<210> 5

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed sequence of a 5'-primer incorporating the Dra I recognition site at the 5' terminal used for PCR amplification of the scFv coding

fragment

<400> 5

gcgttttaaag tgacgttgga cgtccg 26

<210> 6

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed sequence of a 3'-primer incorporating the BamH I recognition site at the 5' terminal used for PCR amplification of the scFv coding fragment

<400> 6

attaggatcc gcgcttaagg acggtcagg 29

<210> 7

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed sequence of a 5'-primer used for PCR amplification of the coding fragment of the human antibody heavy chain γ 1 constant region

<400> 7

caagcttcaa gggcccat 18

<210> 8

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed sequence of a 3'-primer used for PCR amplification of the coding fragment of the human antibody heavy chain γ 1 constant region

<400> 8

atttaccgagg agacaggga 19

<210> 9

<211> 35

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed sequence of a 5'-primer incorporating the BamH I recognition site at the 5' terminal used for PCR amplification of the coding fragment of the human antibody heavy chain γ 1 Fc region

<400> 9

attaggatcc gagcccaaat cttgtgacaa aactc 35

<210> 10

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed sequence of a 3'-primer incorporating the Hind III recognition site at the 5' terminal used for PCR amplification of the coding fragment of the human antibody heavy chain γ 1 Fc region

<400> 10

agcaagcttt catttaccg gagacaggga 30

<210> 11

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed sequence of a 5'-primer used for PCR amplification of a 393 bp fragment in the gene of scFv

<400> 11

gtcttattag cggctgctggt agtagcacao 30

<210> 12

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed sequence of a 3'-primer used for PCR amplification of a 393 bp fragment in the gene of scFv

<400> 12

gagacttctg ctggtaccag ccata 25

<210> 13

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed sequence of a 5'-primer used for PCR amplification of a 311 bp fragment in the gene of GFP

<400> 13

agctcaccct gaaattcatc tgcaccactg 30

<210> 14

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed sequence of a 3'-primer used for PCR amplification of a 311 bp fragment in the gene of GFP

<400> 14

gttgattccc agcttggtgc cgagaatggt 30

<210> 15

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed sequence of a 5'-primer used for PCR amplification of a 355 bp fragment in the gene of GFP

<400> 15

caacactggt cactaccttc acctatg 27

<210> 16

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed sequence of a 3'-primer used for PCR amplification of a 355 bp fragment in the gene of GFP

<400> 16

acggatccat cctcaatggt gtgtc 25

<210> 17

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed sequence of a 5'-primer used for PCR amplification of a 317 bp fragment in the gene of ovalbumin

<400> 17

cgctttgata aacttcagg attcgg 26

<210> 18

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed sequence of a 3'-primer used for PCR amplification of a 317 bp fragment in the gene of ovalbumin

<400>18

catctagctg tcttgcttaa gcgtaca 27